

CLAIMS

What is claimed is:

1. A single-layer touchpad for providing input to a device having a display screen, said single-layer touchpad comprised of:

a first active electrode disposed in at least two discrete regions of a touch-sensitive area, wherein the first active electrode is generally transparent when disposed over a display screen;

a sense electrode disposed adjacent to the first active electrode in the at least two discrete regions, wherein the sense electrode is generally transparent when disposed over the display screen; and

a touchpad sensing circuit coupled to the first active electrode and to the sense electrode, wherein the touchpad sensing circuit determines when a pointing object makes contact in the touch-sensitive area, and wherein the touchpad sensing circuit determines in which of the at least two discrete regions the pointing object has made contact.